



**COMBO DRIVE LED**  
PLUG & PLAY OR LINE VOLTAGE COMPATIBLE

# KT-LED15T8-48GC-850-X

## T8 LED LAMP

### DESCRIPTION

15W T8 LED | 5000K | >80 CRI | Ballast & Line Voltage Compatible



|   |
|---|
| <b>LAMP TYPE:</b> Linear                |
| <b>BULB TYPE:</b> T8 LED                |
| <b>BASE TYPE:</b> G13 (Medium Bi-Pin)   |
| <b>WATTAGE:</b> 15W                     |
| <b>COLOR TEMPERATURE:</b> 5000K         |
| <b>COLOR RENDERING INDEX (CRI):</b> >80 |
| <b>WARRANTY:</b> 5 Years                |



### PRODUCT FEATURES

- **Plug & Play Application:** Compatible with Most Instant Start Electronic T8 Ballasts, Contact Keystone for Ballast Compatibility List
- **Bypass Ballast Application:** Runs on 120-277 Line Voltage
- Direct Replacement for the Following Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- UL Listed and UL Classified; Listed on DLC QPL
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- 100+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment

### OPERATING SPECIFICATIONS

#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

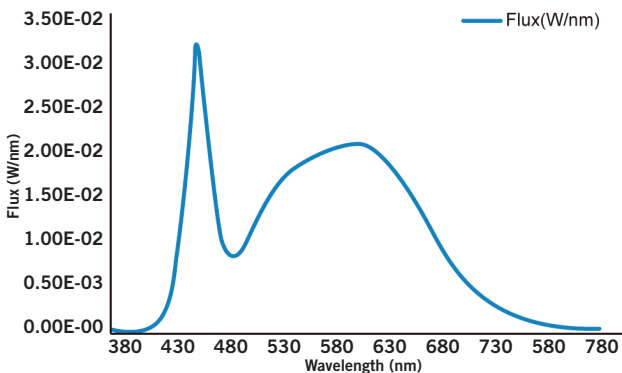
| CRI | Bare Lamp Wattage | Nominal Lamp Lumens | Instant Start Ballast Compatible Application |                 |        |        |                 |        |        | Line Voltage Application |              |                | Max. THD | Power Factor |
|-----|-------------------|---------------------|--|-----------------|--------|--------|-----------------|--------|--------|--------------------------|--------------|----------------|----------|--------------|
|     |                   |                     | Input Voltage                                | System Wattage* |        |        | Initial Lumens* |        |        | Input Voltage            | Lamp Wattage | Initial Lumens |          |              |
|     |                   |                     |  | 0.78BF          | 0.88BF | 1.18BF | 0.78BF          | 0.88BF | 1.18BF |                          |              |                |          |              |
| >80 | 15                | 1800                | Ballast Dependent                            | 16.2            | 17.4   | 18.5   | 1730            | 1860   | 2010   | 120-277                  | 15           | 1830           | 20%      | >0.9         |

\* Nominal values. Actual values may vary depending on electronic ballast used.

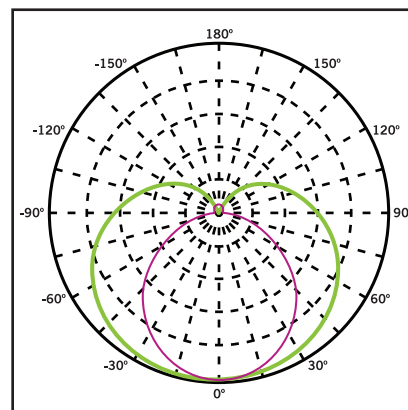
#### RATED LIFE

|             |        |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

#### SPECTRAL DISTRIBUTION



#### POLAR CANDELA DISTRIBUTION



Located at Horizontal Angle = 0,  
Vertical Angle 0

1. **Violet** Vertical Plane through Horizontal Angles (90-270)
2. **Green** Vertical Plane through Horizontal Angles (0-180)

**Beam Angle: 220°**

**Visible Light Area: 325°**



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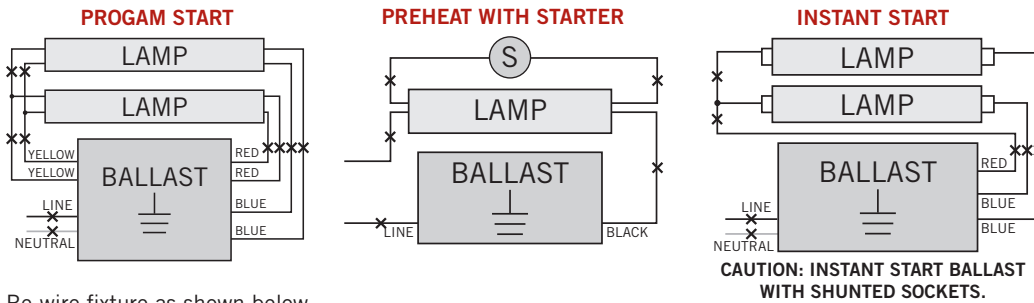
## T8 LED LAMP

### WIRING: Plug & Play

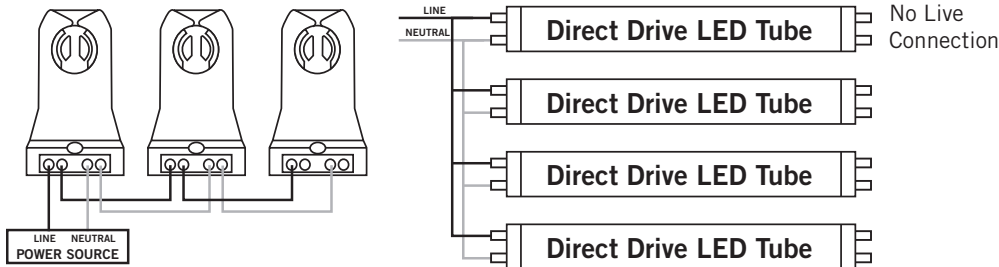
Simply replace the existing fluorescent lamp with Keystone Combo Drive LED lamp. No changes to the existing fluorescent ballast wiring needed. For ballast compatibility questions, please contact Keystone.

### WIRING: Bypass Ballast

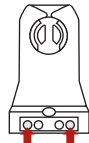
#### Typical Ballast Configurations:



Re-wire fixture as shown below.



#### Typical Non-Shunted Lampholder



Connect wires directly to these terminals

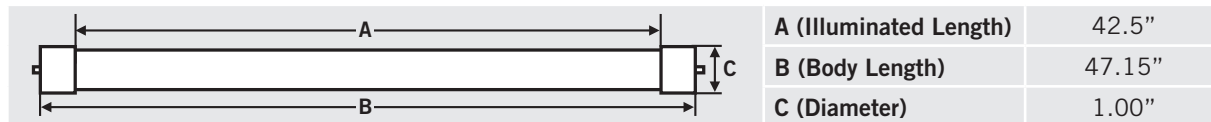
#### CAUTION: Use only non-shunted lampholders.

Do not install product in a fixture with shunted lampholders (found in all fixtures using instant start ballasts). If the current lampholders are shunted, remove them and replace them with non-shunted lampholders. Make new connections directly to terminals as indicated above.

Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

## PHYSICAL CHARACTERISTICS

### LAMP DIMENSIONS



NOMINAL LENGTH: 48" BASE TYPE: G13 (Medium Bi-Pin)

## ORDERING INFORMATION

| ORDER CODE               | PACKAGING STYLE                   | PACK QTY. | ITEM STATUS |
|--------------------------|-----------------------------------|-----------|-------------|
| KT-LED15T8-48GC-850-X-CP | Carton Pack (Egg Crate Packaging) | 25        | Quick Ship  |

## CATALOG NUMBER BREAKDOWN

# KT-LED15T8-48GC-850-X

